

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	LEE, et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket No.:	9751.105USI1
Title:	METHOD FOR REDUCING SHRINKAGE DURING SINTERING LOW-TEMPERATURE CONFIED CERAMICS		

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CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 372668574 US  
Date of Deposit: April 21, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: Teresa Anderson

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 10/224,949 filed on August 20, 2002.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
(612)332.5300

Dated: April 21, 2004

By: 

Michael D. Schumann  
Reg. No.: 30,422

MDS/pjk



<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 9751.105US11	Application Number: Unknown
	Applicant: LEE, et al.	
	Filing Date: Herewith	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,654,095	March, 1987	Steinberg				
	5,085,720	February, 1992	Mikeska, et al.				
	5,130,067	July, 1992	Flaitz, et al.				
	5,254,191	October, 1993	Mikeska, et al.				
	5,370,759	December, 1994	Hakotani, et al.				
	5,574,351	October, 1997	Lovoi				
	5,958,165	September, 1999	Takeuchi, et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	1 209 734	May, 2002	Europe				
	2002-9438	January, 2002	Japan				
	2002-16360	January 2002	Japan				
	2001-111223	April, 2001	Japan				
	4-98895	March, 1992	Japan				
	7-30253	January, 1995	Japan				
	8-46360	February, 1996	Japan				
	2002-50869	February, 2002	Japan				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Drozdyk, "Capacitors Buried in Green Tape", Proc. Spie-Int. Soc. Opt. Eng., vol. 2105, 1993, pages 209-214					
		Mason, "Parts Fabrication Processing Factors and Their Effects on Sintered Dielectric Tape Shrinkage for Low Temperature Cofired Ceramic Packages", Ishm 92 Proc. of the International Symposium on Microelectronics, Spie, vol. 1847, October 1992, pages 479-484					

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	